

23666

New ceramics ...

Z/012/61/000/003/002/004
E112/E435

100°C); $\tan \delta = 3.4 \times 10^{-4}$ (1 Mc/s, 20°C); $\epsilon = 7.4$ (at 1 Mc/s); thermal capacitance coefficient at 10 Mc/s (20 - 80°C) = $75 \times 10^{-6}/^{\circ}\text{C}$; spec. internal resistance at 50 cps, 20°C = $10^{14} \Omega/\text{cm}$; spec. surface resistance at 50 cps, 20°C = $10^{14} \Omega$; electric strength at 50 cps = 32 kV/mm. The following additional graphs are included: 1: thermogravimetric curve for the mixture of kaolin with BaCO_3 , showing losses of weight (in %) with increase of temperature; 2: specific gravity and density vs. composition of mixture; 3: compressive strength vs. composition; 4: bending strength vs. composition; 5: coefficient of thermal expansion vs. composition; 6: thermal coefficient vs. composition. There are 6 figures, 4 tables and 9 references: 6 Soviet-bloc and 3 non-Soviet-bloc. The three references to English language publications read as follows: W.Bloch: Patent Brit. 649 936 - 1950; G.Harman, R.D.Fenit: US Patent 2,878,130; G.W.Brindley, M.Nakahira: J.Amer.Ceram.Soc.42,314 (1959).

ASSOCIATIONS: Elektrokeraamika, n.p.. Praha (Elektrokeraamika, Prague); Katedra technologie silikátů, VŠCHT Praha (Chair of Silicate Technology, University of

Card 4/6

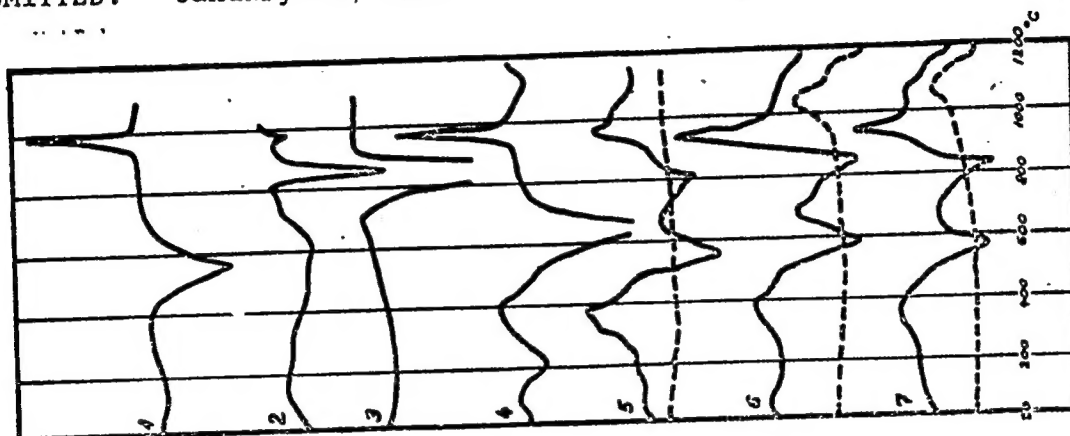
23666

Z/012/61/000/003/002/004
E112/E435

New ceramics ...

Chemical Technology, Prague)

SUBMITTED: January 10, 1961



Card 5/6

Fig.1.

HANYŠ, J.; KAZDA, J.

Contribution to the problem concerning removal of phenol water. p. 283.

SYLAR A KERAMIK. (Ministerstvo lehkého průmyslu) Praha, Czechoslovakia,
Vol. 9, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1,
Jan. 1960.

Uncl.

CZECHOSLOVAKIA

HANYSOVA, Z.; CHLOUPKOVA, K.; BOJANOVSKY, J.; BOUCHAL, M.;
SYNKOVA, J.; Psychiatric Clinic, J.E. Purkyne University, Brno.
[Original version not given].

"A Clinical Comparison of a Placebo, Diazepam, and Diazepoxide
at Short-Time Application in Neuroses."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp
438 - 439

Abstract: A comparison between diazepoxide (Librium Roche) and
diazepam (Valium) was made in an investigation conducted on 37
hospitalized patients (20 neurasthenias, 12 depressive neuroses,
4 anxious neuroses, and 1 mixed neurosis). 10 mg of Valium and 30
mg of Librium were used as one dose. An improvement was achieved
with both drugs, but a deterioration occurred with the placebo.
Valium acts better on neuroses than librium. The anxiolytic effect
of both drugs was the same. No references. Submitted at the 8th
Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article
is in English.

1/1

"Could the freight through the overland section of Alsacia best be reduced?"
p. 13. (ZEMSTVO, Vol. 9, no. 2, Feb. 1953, Belgrad.)

SO: Monthly List of East European Acquisitions, Vol. 3, #1, Library of Congress
August, 1953, Uncl.

HANZAK, J.

Occurrence of the field mouse Microtus oeconomus mehlyi EHIK in
Czechoslovakia. p. 164. Prague. CASOPIS; ODDIL PRIRODOVEDNY. Vol.
123, no. 2, 1954.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

HANZAK, J.; HANAK, V.

Notes on the occurrence and biology of the bat, Myotis bechsteini (Kuhl, 1818). p. 19. (CASOPIS; ODDIL PRIRODOVEDNY, Vol. 126, No. 1, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

HANZAR, J.

A few experiences from the zoological museum in Berlin. p. 33. (CASOPIS;
ODDIL PŘÍRODOVEDNÝ, Vol. 126, No. 1, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

AUTHOR: Hanzak, Jan, Doctor (Prague) 26-58-2-16/4E

TITLE: Ornithology in Czechoslovakia (Ornitologiya v Chekhoslovakii)

PERIODICAL: Priroda, 1958, Nr 2, pp 71-74 (USSR)

ABSTRACT: The article deals with the present state of ornithological research in Czechoslovakia being carried out mainly by the Institutes of Zoology at: Karlovyy universitet (Charles University) in Prague; Universitet imeni Ya.A. Komenskogo (University imeni Ya.A. Komenskiy) in Bratislava; Vysshaya sel'skokhozyaystvennaya shkola (Agricultural High School) in Brno; the Ornithological Group of the Laboratory for the Zoology of Vertebrates of the Czech Academy of Sciences in Brno and the Natsional'nyy muzey (National Museum) in Prague. The author gives a brief review of the work that is being done by each institution in making collections of birds, studying the faunistics, ecology, morphology, population ecology, numerity, feeding habits, nesting, etc. Czechoslovakia has 348 recorded types of birds, of which 215 nest in the country. The author mentions the great part played by the Chekhoslovatskoye ornitologicheskoye obshchestvo (The Czech Ornithological Society) in field work, observation and bird protection. Some new species of birds that are settling or spreading in Czechoslovakia are mentioned.

Card 1/2

Ornithology in Czechoslovakia

26-58-2-16/48

There are 2 photos.

1. Ornithology--Czechoslovakia

Card 2/2

• *Wiederholungsfragen* (repeated questions) – questions that are asked more than once in the same exam.

1. The following table shows the number of people who have been convicted of a crime in the United States since 1970. The data is presented in millions of people.

1. Introduction

"The purpose of this study is to determine the effect of the

... ..

... ..

~~GANZAK, JAN~~ [Hanzak, Jan], doktor (Praga)

Ornithology in Czechoslovakia. Priroda 47 no.2:71-74 F '58.

(MIRA 11:2)

(Czechoslovakia--Ornithology)

HHH 2/16
HANZAL, F.

Intracranial fluid examination in pneumoencephalography. Neur.
& psychiat. cesk. 14 no. 1:16-21 Feb 1951. (CJML 20:11)

1. Of the Neurological Clinic (Head -- Prof. K. Henner, M.D.)
of Charles University, Prague.

HANZAL, F.

Cerebrospinal fluid during intracranial expansive processes.
Neur. psychiat. česk. 15 no. 1-2:65-70 Apr 1952. (CLML 22:3)

1. Of the Neurological Clinic (Head--Prof. K. Henner, M. D.)
of Charles University, Prague.

BAKAR, D. Dr. P. S. Kline, Zaslava Univ., Bratis. *Central. aska. Bratislava.
 Creches. w. encephalitis. RA-1. IX. 1953, 3/13 (1953-3-13)

(1923)

This is an infection of viral origin, the vector being Ixodes ricinus from the Czechoslovakian mixed forests. It is related to loosing-ill and to the Russian encephalitis of Spring and Summer. The 4 types of the course are described: the abortive, and the meningitic, which runs a course like an unlocalized serous meningitis. Third is the meningoencephalitic course, with its mixed symptomatology of the meninges, white and grey cerebral matter, the accent lying on the latter. The characteristic syndrome is that of extrapyramidal and cerebellar symptoms combined, rarely seen in other forms of encephalitis. The 4th course is a myelopolyradic neuritic one. The laboratory findings are mentioned and the differential diagnosis from poliomyelitis is discussed. Stock-Årsterden (XX, 8, 6)

So: Excerpta Medica, Vol.3, No.8, Sect. VI, August, 1954

HANZAL, Fr.

DRECHSLER, B.,Dr; HANZAL, Fr,Dr; LESNY, I.,Dr; STEIN, J.,Dr.

Electroencephalography in viral encephalitis. Neur. & psychiat.
cesk. 17 no.3:168-179 Je'54.

1. Z neurlogické kliniky Karlovy university v Praze, prednosta
prof. Dr K.Henner.

(ELECTROENCEPHALOGRAPHY, in various diseases,

*encephalitis, epidem.)

(ENCEPHALITIS, EPIDEMIC, manifestations,

*EEO)

HANZAL, Frantisek, As.

HANZAL, Frantisek, As. Dr

Pain of the upper extremities due to neurogenic etiology. Prakt.
lek. 34 no.13:290-292 Jy '54.

1. Neurologická klinika Karlovy university v Praze, prednosta
prof. Dr K. Henner.

(ARM, diseases,

*pain, neurogenic etiol.)

(PAIN,

*arms, neurogenic etiol.)

HANZAL, Frantisek MUDr

~~Glucolactic quotient of the cerebrospinal fluid.~~ Neur.psychiat.
cesk. 18 no.2:107-113 Mar 55.

1. Neurologicka klinika MU, prednosta akademik K. Henner.
 (CEREBROSPINAL FLUID,
 sugar ratio to lactic acid)
 (CARBOHYDRATES, in cerebrospinal fluid,
 ratio to lactic acid)
 (LACTIC ACID, in cerebrospinal fluid,
 ratio to sugar)

HANZAL, Fr., MUDr.

Penicillin in neurological practice. Prakt. lek., Praha, 35
no.3:62-64 5 Feb 55.

1. Neurologická klin. KU prof. Dr. Hennera
(NEUROLOGY
penicillin in)
(PENICILLIN, ther. use
neurology)

HANZAL, Frantisek, MUDr.

Therapy of tick encephalitis. Prakt. lek., Praha 35 no.12:
280-281 20 June 55.

1. K clanku primare MUDr. Jaroslava Spicky z Mor. Trebove.
(ENCEPHALITIS, EPIDEMIC, therapy
antibiotics)
(ANTIBIOTICS, ther. use
encephalitis, epidemic)

HANZAL, Frantisek, Dr.

Neurologic examination of Czechoslovak encephalitis with special
reference to differential diagnosis. Cas. lek. cesk. 94 no.6:
128-132 4 Feb 55.

1. Neurol. klinika KU, prednosta prof. Dr. K.Henner, neuroinfekcni
odd.

(ENCEPHALITIS

Czech., neurol. exam., differ. diag.)

HANZAL, F., Dr., krajsky internista KNV, Praha

Causes of incapacitation for work during according to groups of diseases. Cas. lek. cesk. 94 no.52:1425-1427 23 Dec 55.

1. Z. I. interni kliniky K.U. v Praze, Prednosta prof. Dr. M. Netousek.

(INDUSTRY AND OCCUPATION,
absenteeism, causes in Czech.)

(VITAL STATISTICS,
morbidity of incapacitating dis. in Czech.)

HANZAL, FRANTISEK

CZECHOSLOVAKIA/Human and Animal Physiology - Blood Chemistry.

T-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45875

Author : Hanzal, Frantisek; Vymazal, Josef; Hovorkova, Barbora

Inst : -

Title : Protein Modifications in Tubercular Inflammations of the Spinal Cord Membranes.

Orig Pub : Ceskosl. neurol., 1956, 19, No 1, 15-23.

Abstract : Blood serum (BS) proteins and spinal cord fluid (SCF) proteins were examined in 112 patients with tubercular meningitis with the microelectrophoretic paper method. The α_1 - and α_2 -globulin (I) contents in BS increased by 1.5-2 times in acute stages of the disease, whereas α_1 - and α_2 -globulin (II) contents showed relatively smaller increases. The amount of albumin (III) decreased by 20 percent and more. In SCF, the amount of α_1 -globulins was relatively higher than the amounts of α_2 -globulins; I amounts rose considerably.

Card 1/2

HANZAL, Frantisek, MUDr.

Further clinical experiences with Czechoslovakian encephalitis.
Cesk. neur. 19 no.1:29-34 Mar 56.

1. Klinicky asistent Neurologicka klinika KU, prednosta
akademik K. Henner.

(ENCEPHALITIS, EPIDEMIC, epidemiology,
in Czech., tick-borne encephalitis. (Cs))

HANZAL, Frantisek, Dr.

~~_____~~
Hemorrhagic encephalitis. Cesk. neur. 19 no.1:35-41 Mar 56.

1. Neurologicka klinika KU, prednosta akademik K. Henner.
(ENCEPHALITIS, case reports,
hemorrh. encephalitis. (Cs))

Handwritten: KLINICKA
TYMA, J.; HANZAL, F.

Changes in protein levels in inflammatory diseases of the nervous system.
Dokl. akad. nauk, 20 no.5:293-306 Sept 57.

1. Neurologická klinika KU v Praze, přednosta akademik Kamil Hanžl.
(NERVOUS SYSTEM, dis.)

changes in protein levels in blood & CSF in infect.
nervous dis. (Cx))

(COMMUNICABLE DISEASES,

nervous system, changes in blood & CSF protein levels (Cx))

HANZAL, F

CZECHOSLOVAKIA / General Problems of Pathology. Tumors. U-7
Comparative Oncology. Tumors in Humans.

Abs Jour: Ref Zhur-Biol., No 15, 1958, 70920.

Author : Bednar Blahoslav, ~~Hanzal Frantisek.~~

Inst : Not given.

Title : Primary Reticulosarcoma with Encephalic Sympatho-
matology and Microglioma.

Orig Pub: Casop. lekatu. ceskych. 1957, 96, No 31, 973-979.

Abstract: On the basis of a study of the clinical picture,
the pathological and the anatomical data of two
cases of primary reticulosarcoma of the cerebrum,
and two cases of microglioma, the authors discuss
the problems of a differential diagnosis of these
conditions. A primary reticulosarcoma of the
cerebrum is manifested by symptoms similar to a
sub-chronic encephalitis. The pathological and

Card 1/2

32

HANZAL, F.

Hyperimmune gamma-globulin in the prophylaxis and treatment of tick-borne encephalitis. Rev. Czech. M. 5 no.3:186-191 1959

1. Clinic of Neurology, Charles University, Prague, Neuroinfectious Diseases Department.
(ENCEPHALITIS EPIDEMIC, ther.) (GAMMA GLOBULIN, ther.)

HANZAL, Frantisek (Praha 2, Katerinska 30.)

Acute disperse myelitis - a new clinical entity. Cas. lek. cesk. 98 no.1:
1-7 3 Jan 59.

1. Neurologická klinika KU v Praze, neuroinfekční oddělení, přednosta
akademik K. Henner.

(MYELITIS

acute disperse myelitis as new clin. entity (Cz))

HANZAL, F.; PROCHAZKOVA, Z.

Early neurological complications in bacterial endocarditis.
Cesk. neurol. 23(56) no.7:451-457 '60.

1. Neurologická klinika KU v Praze, přednosta akad. prof. K. Henner;
neuroinf. oddělení.
(ENDOCARDITIS BACTERIAL compl) (NEUROLOGICAL MANIFESTATIONS)

HANZAL, F.; PROCHAZKOVA, Z.; SIMONOVA, O.

Clinical significance of pleocytosis in the cerebrospinal fluid.
Cesk. neur. 24 no.2:104-109 Mr '61.

1. Neurologická klinika KU v Praze, prednosta akademik prof. K. Henner.

(CEREBROSPINAL FLUID chem)
(LYMPHOCYTOSIS cerebrospinal fluid)

KREJCI, O.; VYSOKA, B.; HANZAL, Fr.; REHANEK, L.; MANYCH, J., technicka
spoluprace POLESNA, D.

Generalized cryptococcosis (torulosis). Cas.lek.cesk 100 no.16:484-492
21 Ap '61.

1. Ustav epidemiologie a mikrobiologie v Praze, prednosta prof. dr.
K. Raska. Neurologicka klinika KU v Praze, prednosta akademik K. Henner.
Ustav soudniho lekarstvi KU v Praze, prednosta prof. dr. Fr. Hajek.

(CRYPTOCOCCOSIS case reports)

THE UNIVERSITY OF CHICAGO

Immunoelectrophoretic and cerebrospinal fluid. 1. Pathology.
Desk. neurol. 1984 no. 14-15 Ja'85

[illegible]

HANZAL, F.

Inflammations of the brain. Cas.lek.cesk 100 no.50:Lek Veda Zahr 265-
271 15 D '61.

(ENCEPHALITIS)

HOMOLKA, Jiri; HANZAL, Frantisek

Pepsinogen in the cerebrospinal fluid as a manifestation of disorder of the hematoencephalic barrier. Cas. Lek. Cesk. 101 no.11:340-343 16 Mr '62.

1. Ustredni laboratore fakultni polikliniky v Praze, prednosta doc. dr. J. Homolka, neurologicka klinika KU v Praze, prednosta akademik K. Henner.

(PEPSINS cerebrospinal fluid)
(HEMATOENCEPHALIC BARRIER)

CZECHOSLOVAKIA

F. HANZAL, Neurology Clinic of the Faculty of General Medicine of Charles University (Neurologická klinika fakulty všeobecného lékařství KU [Karlove University]) Head (prednosta) Academician K. HENNER, Prague.

"Incidence of Cerebral Tumors and Comments on Diagnosis."

Prague, Ceskoslovenska Neurologie, Vol 26(59), No 1, Jan 63; pp 36-44.

Abstract [English summary modified]: Data on 559 cases, 1951-1960. Of these, histologic operative or necropsy specimens were available on 479. Classification by 23 diagnostic types and frequency of each; 11 classes of tumors. Two tables, graph; 10 Czech, 4 Soviet and 8 Western references.

1/1

CZECHOSLOVAKIA

J. STEIN, F. HANZAL and I. LESNY, Laboratory for CNS Pathophysiology, Neurology Clinic, Faculty of General Medicine, Charles University (Laborator pro patofiziologii c.n.s. neurologické kliniky fakulty všeobecného lékařství Karlove University) Head (prednosta) Academician K. HENNER, Prague.

"EEG in Various Types of Viral Encephalitis."

Prague, Ceskoslovenska Neurologie, Vol 26(59), No 3, May 63; pp 174-183.

Abstract [English summary modified]: Comprehensive data on EEG findings in 237 patients with encephalitis including 124 viral (42 Czechoslovak tick encephalitis, 16 Economos, etc.); the most prominent changes were found in Czechoslovak tick encephalitis among which patients only 6 (14.3%) had normal EEGs. There were no EEG changes specific for encephalitis. Four EEGs, 7 tables; 6 Czech, 1 Soviet and about 30 Western references.

1/1

L 33522-66

ACC NR AP6023454

SOURCE CODE: CZ/0082/66/000/002/0081/0088

AUTHOR: Hanzal, F.; Brezina, M.; Prochazkova, Z.

ORG: Neurological Clinic, Faculty of General Medicine, KU /headed by Academician K. Henner/, Prague (Neurologická klinika fakulty všeobecného lékařství KU); J. Heyrovsky Polarographic Institute, CSAV /headed by Academician R. Brdicka/, Prague (Polarografický ústav J. Heyrovského CSAV)

TITLE: Polarographic examination of cerebrospinal fluid proteins

SOURCE: Ceskoslovenska neurologie, no. 2, 1966, 81-88

TOPIC TAGS: protein, central nervous system, polarographic analysis, nervous system disease, diagnostic medicine

ABSTRACT: In the majority of pathological cases the fluid proteins, when compared to those of healthy subjects, show increased polarographic activity either spontaneously or after alkali denaturing. The maximum spontaneous polarographic activity is found in acute inflammatory diseases. Application of polarographic methods in the investigation of nervous diseases is discussed. A. Kostrunkova participated in the technical work. Orig. art. has: 1 figure and 1 table. /Based on authors' Eng. abst./ JPRS

SUB CODE: 06 / SUBM DATE: 04Jun65 / ORIG REF: 010 / OTH REF: 004

Card 1/2

HANZAL, J.

General investors of the complex building of housing done by the national committees.
p.113 (Pozemni Stavby, Vol.5, no.3, Mar. 1957) Praha

SO: Monthly List of East European Accession (EEAL) LC, Vol.6, no.7, July 1957. Uncl.

BUCEK, V., MUDr.; HANZAL, J., prom. lékař.

Planning work in health communities in the Pisek district.

Cesk. zdrav. 12 no.3:117-123 Mr'64

1. Okresni ustav narodniho zdravi, Pisek.

*

DALIAGO, Bruno; SANEL, Jan, VYKOPIL, Rehor

First results of an economic experiment in the building industry. Prace made 13 no.2:79-84 F '65.

1. Pozemni stavby National Enterprise, Brno.

HAIZAL, J.

"Rockets Under the Wings of the Shtormovik", P. 321, (KRIDIA VLASTI,
Vol. 4, No. 14, July 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL) LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

HANZAL, J.

"Mig-15, The World's Fastest Fighter Plane." P. 536. (SKRZYDLATA POLSKA, Vol. 10, No. 34, Aug. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

HANZAL, J.

1(2)

PHASE I BOOK EXPLOITATION

CZECH/3261

Skopal, Jan, Lieutenant-Colonel; Jan Kadlec, Engineer; Jindřich Hanzal, Doctor; and Karl Helmich, Doctor

Rozpoznávání letadel (Aircraft Recognition) 2d ed., enl. Praha, Naše vojsko, 1958. 433 p. (Series: Knižnice letectví, sv. 19) 15,000 copies printed.

Ed.: Karel Zelený.

PURPOSE: The book is intended for military personnel and others interested in aircraft recognition.

COVERAGE: The book is divided into three parts: a general part, treating the development of aviation and the organization the air forces of the Western countries; a part on the method of identification; and a special part, containing photographs and diagrams for a kind of Czech counterpart to the Observer's Book on Aircraft, identifying aircraft of various countries, with a chapter on Soviet aircraft. The following Soviet aircraft are included, with specifications, silhouettes, photographs, and/or diagrams: fighters (MIG-15, MIG-17, MIG-19, Sukhoy 3, Yak-25), bombers (Il-28, Tu-16, Tu-Molot, Tu-20), light transport aircraft (Il-12, Il-14, An-8 "flying whale"), heavy transport aircraft

Card 1/5

Aircraft Recognition

CZECH/3261

(Tu-104, Tu-110, An-10 "Ukraina", Il-18 "Moskva", Tu-114 "Rossiya"), training and utility aircraft (An-2 multi-purpose, An-14 "Pchëlka" multi-purpose, Yak-11 trainer, Yak-12 trainer, Yak-18 trainer), helicopters (Ka-18 liason and transport craft; Mi-1 liason, sanitary and training craft; Mi-4 medium transport craft; Mi-6 heavy transport craft; Yak-24 "flying tandem"). The specifications also include data on possible misidentifications of some aircraft. In the introductory sections on identifying features and recognition, the author concentrates mainly on Western aircraft. There are numerous figures, among them a few photographs with data on Soviet missiles paraded on Red Square in Moscow in 1957, (pp 104-106).

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Aircraft Recognition

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Aircraft Recognition

CZECH/3261

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AVAILABLE: Library of Congress

Card 5/5

AC/lrb
4-27-60

32(1)

CZECH/3-59-9-25/39

AUTHOR: Hanzal, Jindřich

TITLE: Crises knocks on the Door of Capitalistic Airlines (Krize buší na vrata kapitalistických leteckých společností)

PERIODICAL: Křídla Vlasti, 1959, Nr 9, p 18 (CSR)

ABSTRACT: Author deals with difficulties of Western Airlines.
There is 1 photo.

Card 1/1

HANZAL, Slavomir

Beginnings of the worker-peasant union in eastern Slovakia, 1918-1924.
Sbor VST Kosice no. 2:111-123 '63.

1. Chair of Marxism-Leninism, Higher School of Technology, Kosice.

HANZAL, M., inz.

Mobile Chirana ambulance equipped with X-ray apparatus, Jemma mech
opt 5 no.5:154-155 My '60.

1. Chirana, Praha.

HANZAL, M., inz.---

Dental ambulance Chirana. Jemma mech opt 5 no.10:324-326 0 '60.

1. Chirana, n.p., Praha.

HANZAL, Stefan, VUDr.

Tasks and significance of a regional research institute of
sanitary education in modern development of public health.
Cesk. zdravot. 4 no.6:316-319 June 56.

1. Riaditel' Oblastneho Vyskumneho ustavu zdravotnickej osvety
v Bratislave.

(PUBLIC HEALTH, education
in Czech. (Cz))

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Application. Chemical Engineering.

H-2

Abs Jour: Ref. Zhur-Khim., No 2, 1959, 4925.

Author : Stelsovsky E., Hanzalek J., Servus S.
Inst :
Title : Jet Gas Purifier.

Orig Pub: Strojirenstvi, 1958, 8, No 1, 3-7.

Abstract: A jet gas purifier is used to eliminate highly dispersed particles from a gas. It consists of a Venturi tube, into which the gas to be purified flows at a speed of 50 - 150 m/sec and the atomized liquid is fed simultaneously, and of a cyclone. The formed drops of the liquid moisten and aggragate the particles present in the gas, after which they are eliminated from the gas in the cyclone. Graphs showing the dependence of the effectiveness of the work of the gas purifier on the velocity of the gas, on the size of drops and on

Card : 1/2

4

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Application. Chemical Engineering.

H-2

Abs Jour: Ref. Zhur-Khin., No 2, 1959, 4925.

the amount of the atomized liquid are presented. Data concerning the work of a gas purifier used for the purification of generator gas from drops of a liquid are given: the capacity is 5000 cub.m per hour, the diameter of the cyclone is 1.0 m and its height is 3.25 m, the initial concentration of drops of the liquid in the gas is 40 - 50 g per cub.m, the extent, to which the drops are intercepted is more than 99%, the final concentration of drops of the liquid in the gas is 0.2 - 0.4 g per cub.m, the temperature of the gas is 55 to 65° and the resistance of the gas purifier is 240 mm of water column. - Yu. Skoretakiy.

Card : 2/2

ANTOLOVA, T.; HANZEL, J.; NOVAK, A.; SONAK, R.

Apropos of diphtheria bacteria carrier states. Bratisl. lek.
listy 44 no.5:269-280 '64

1. Mestská hygienicko-epidemiologická stanica v Bratislave
(riaditeľ: MUDr. r. Lacko) a II. detská klinika Lek. fak. Univ.
Komenského v Bratislave (vedúca: prod. MUDr. J. Michalicková).

*

MANIFESTO.

Bourgeois sociology on the defensive: notes on the 4th World Congress of Sociology in Italy. p. 12.

PRÁVDOJ. (Komunistická strana Slovenska. Ústredný výbor)
Vol. 3, no. 46, Nov. 1950.

Monthly List of East European Accessions (EEA), IC, Vol. 9, No. 2, Feb. 1960.
Uncl.

DZIUBAN, M., Bratislava, Sasinkova 6; HANZEL, St.

Development of helminthology in the USSR. Lek. obzor 3 no.11:666-672
1954.

1. Z Oblastneho ustavu epidemiologie a mikrobiologie v Bratislave
(HELMINTHS
helminthol. in Russia, develop.)

21,600

S/263/62/000/023/005/003
E194/E155

AUTHORS: Hanzel, Slavko, and Bremsak, France
TITLE: Equipment for continuously recording gamma-radiation
PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, Izmeritel'naya
tekhnika, no.23, 1962, 65, abstract 32.23.415.
(Avtomatika, v.3, no.2, 1962, 80-82). (Slov., summary
in English).

TEXT: A device is described for the continuous recording of
γ-radiation in a nuclear pile or "hot" laboratories. The
radiation detector is a halogen Geiger-Müller counter. At low
radiation level (0.1-100 millirads/hour), it operates as a self-
quenched counter, and with heavier radiation dosages (up to 10 rads
per hour) as an ionisation chamber. The electrical circuit uses
transistors, and a signal device operates if the dosage exceeds a
preset limit.

[Abstractor's note: Complete translation.]

Card 1/1

HANŽELKA, Boleslav, prof., inz. dr.

Limitation of the automobile maximum acceleration by
adhesion. Automobil Cz 7 no.10:317-321 0 '63.

HANZEKA, Jiri; ZIKMUND, Miroslav; ROZOVA, S.I. [translator]; POTEKHIN, I.I.,
redaktor; RUBINSHTEYN, G.I., redaktor; FEL'DMAN, O.I., redaktor;
NIKIFOROVA, A.N., tekhnicheskii redaktor

[Africa of dream and of reality. Translated from the Czech] Afrika
grez i deistvitel'nosti. Perevod s cheshskogo S.I.Rozovoi. Moskva,
Izd-vo inostrannoi lit-ry. Vol.2. 1956. 314 p. (MLRA 10:3)
(Africa--Description and travel)

HANZEIKA, JIRU.

Pres Kordillery. (Vyd. 1.) Praha, Orbis, 1957, 206 p. (Across the Cordilleras. 1st ed. illus., fold. map, bibl., notes)

GEOGRAPHY & GEOLOGY Periodicals

Monthly Index of East European Accessions (MEAI) LC, Vol. 7, No. 11,
Nov. 1958

GANZELKA, Irzhi [Hanzelka, Jiri]; ZIKMUND, Miroslav; BABIN, S. [translator];
HAZAROV, R. [translator]

[Across the Cordilleras; chapters from a book] Cherez Kordil'ery;
glavy iz knigi. Moskva, Pravda, 1959. 63 p. (Biblioteka "Ogonek,"
no.38). Translated from the Czech. (MIRA 12:12)
(South America--Description and travel)

GANZELKA, Irzhi [Hanzelka, Jiří]; ZIKMUND, Miroslav [Zikmund, M.];
SOUCHEK, Muza [Translator]

Head-hunters. Znan., ta pratsia no.8:18-21 Ag '59.
(MIRA 13:2)
(Ecuador--Description and travel) (Jivaro Indians)

HANZELKA, M.

Directional stability of automobiles. p. 180.

STROJIRENSTVI Vol. 5, no. 3, Mar. 1955

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956

Hannzély, J.

86. Modernization of macadam road surfaces -- J. Hannzély. (Művelődéstudományi Szemle -- Vol. 4, 1957, No. 12, pp. 619-635, 11 figs., 2 tabs.)

Due to the present state of some highways in Hungary the cost of operating automotive vehicles is much higher than if these roads were modernized. Furthermore, the maintenance of modernized roads is cheaper than that of macadam roads. Good results have been attained by surface treatment with a soft grade of bitumen which withstands the extreme climatic conditions of Hungary, the road surfaces suffer less damage in winter. It is advisable to spread a mixture of crushed rock and 2% tar over the sprayed bitumen coating. To avoid the formation of an inhomogeneous surface layer the above mixture should not be applied immediately. For improving the adhesiveness of the river gravel used in bituminous surface coatings the gravel should be moistened with 2% milk of lime diluted with water 1:5 and then impregnated with 2% thin coal tar. For repairs on modernized road surfaces in winter weather the use of 5-15 mm grain size dust-free crushed rock with admixed 5% by weight thin tar was found the most adequate.

HANZL, D.

Propagation of fir on the Papuk. p. 282.

Periodical: SUMARSKI LIST.

Vol. 82, no. 7/8, July/ Aug. 1958.

AGRICULTURE

SO: Monthly List of East European Accessions (EEAI) IC

Vol. 8, No. 4
April 1959, Uncl.

FALCKRAB, E.; HANZL, F.

Experiences with the vacuum extractor. Cesk. gyn. 28 no.3:
171-177 Ap '63.

1. Por.-gyn. odd. OUNZ v Povazskej Bystrici, veduci MUDr.
D. Slavik.

(EXTRACTION, OBSTETRICAL)

4/037/62/000/002/003/015

E192/E382

9.2583

AUTHOR: Manzl, J.

TITLE: Excitation level of piezoelectric crystal units

PERIODICAL: Československý časopis pro fysiku, no. 2,
1962, 117 - 125

TEXT: The loading of an oscillator due to a piezoelectric crystal unit (PCU) is often determined by the high-frequency current flowing in it but usually this is defined by the power dissipated in the PCU and this is referred to as the "excitation level". Some methods of measuring the excitation levels are discussed. It is shown that in the case of an oscillator with a crystal operating under series resonance conditions the excitation level N_s can be determined

indirectly by measuring the current flowing through the resistance of the crystal or measuring the voltage developed across the crystal. In general, the above methods cannot easily be used in practice. Consequently, some new methods were developed. These are based on the use of indirectly

Card (1/5)

Z/037/62/000/002/003/015
E192/E382

Excitation level

heated thermistors, type 40 NR 11 S, whose heater has a resistance $R_T = 109 \Omega$. Such a thermistor was connected into a balanced bridge. This method of measuring the excitation level was applied to the oscillator circuit known as the crystal impedance meter, which is shown in Fig. 5. The circuit of PCU at resonance in the oscillator of Fig. 5 can be represented by the equivalent system of Fig. 11, where R_a represents the series impedance of the PCU, R_1 and R_2 are the terminating resistors and r_1 and r_2 are the impedances of the tuned circuits. Three ways of using the thermistor for measuring the excitation can be devised on the basis of the circuit of Fig. 1. In the first method, known as the 2-wattmeter method, the resistances R_1 and R_2 are replaced by the heater elements of two calibrated thermistor wattmeters (connected into bridge circuits) and, after adjusting the circuit for maximum output of the PCU, the

Card 2/5

Z/057/62/000/002/005/015
E192/E382

Excitation level

Powers N_{R1} and N_{R2} are recorded. If the resistances of the heaters are equal, i.e. $R_1 = R_2 = R$, the excitation power is expressed by:

$$N_K = \frac{R}{R_K} \cdot \left(\overline{N_{R1}} - \overline{N_{R2}} \right)^2 \quad (2)$$

In the second case, PCU is replaced by a parallel combination of the thermistor and a resistor such that a resistance R_K is obtained, the grid current I_g being identical. This is known as the substitution method and the excitation level is expressed as:

$$N_K = N_T \frac{R_T + R_P}{R_P} \quad (3)$$

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E192/E382

Excitation level

where N_T is the power read by the thermistor,

R_T is the heater, and

R_P is the auxiliary parallel resistance.

In the third method the heater of the thermistor is connected in parallel to PCU. After adjusting the circuit to the maximum amplitude, a power N_T is read on the thermistor and the excitation level is determined from:

$$N_K = N_T \frac{R_T}{R_K} \quad (4)$$

where R_T is the heater resistance of the thermistor.

The author thanks J. Vlček and M. Novák for their help in the laboratory measurements which made this paper possible. There are 11 figures.

Card 4/5

Excitation level

Z/037/62/000/002/003/015
E192/E382

ASSOCIATION: Tesla Lanskrout, závod 05 v Hradci Králové
(Tesla Lanskrout, 05 Works, Hradec Králové)

SUBMITTED: February 22, 1961

Fig. 1:

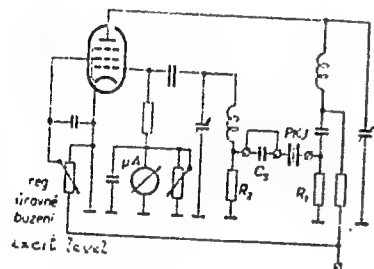


Fig. 5:

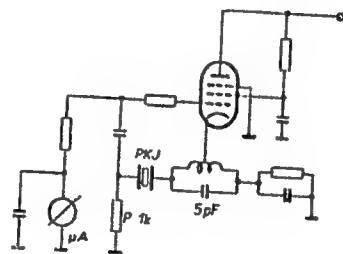
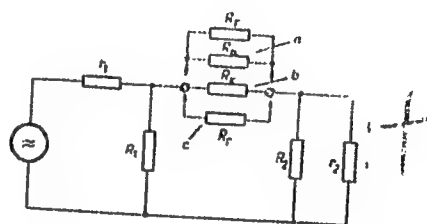


Fig. 11:



Card 5/5

TUREK, Adolf; HANZL, Jiri, inz.

Use of ultrasonic defectoscopes in the repair shops of
Czechoslovak Railways. Zel dop tech 9 no.10:302-307 '61.

TUREK, A.; HANZL, J., inz.

Supersonic control of rail vehicle axles. Zel dop tach 12
no.11:Suppl.:1-16 '64.

TUREK, A.; HANZL, J., inz.

Supersonic control of rail vehicle axles. Pt.2. Zal dop
tech 13 no.2:Suppl:1-16 '65.

UHLIR, J.; POTRUSIL, B.; HANZL, J.; JOBANEK, B.; MACEK, M.; DVORAK, J., ins.

Contribution to the problem of terylene tissue prostheses. Rozhl.
chir.39 no.11:721-726 N°60.

1. II. chirurgická klinika v Brně, přednosta prof. dr. Jan Navrátil
I. patologicko-anatomický ústav v Brně, přednosta prof. dr. Jaroslav
Svejda. Vědecký ústav pletarský v Brně.
(ARTERIES surg)

UHLIR, Jaromir; HANZL, Josef; POTRUSIL, Bohumil; JOBANEK, Bohuslav

An experimental contribution to extracardiac circulation. Rozhl.
chir. 40 no.7:433-438 JI '61.

1. II chir. klinika v Brne, prednosta prof. dr. Jan Navratil.

(HEART MECHANICAL)

POTRUSIL, Bohumil; UHLIR, Jaromir; HANZL, Josef

Cardioplegia induced by a combination of syntostigmin with acetylcholine.
Scr. med. fac. med. Brunen. 35 no.3:81-85 '62.

1. II. chirurgicka klinika lekarske fakulty university J.E. Purkyne
v Brne Prednosta: prof. MUDr. Jan Navratil.
(ACETYLCHOLINE pharmacol) (NEOSTIGMINE pharmacol)
(HEART ARREST experimental)

POTRUSIL, Bohumil; UHLIR, Jaromir; HANZL, Josef

Potassium cardiac arrest and the effect of ATP on the course of restored rhythm. Rozhl. chir. 41 no.1:12-18 Ja '62.

1. II chirurgická klinika university J.Ev.Purkyne v Brně, přednosta prof. MUDr. Jan Navrátil.

(POTASSIUM toxicol) (HEART ARREST exper)

(ADENOSINE PHOSPHATES pharmacol)

UHLIR, Jaromir; POTHUSIL, Bohumil; HANZL, Josef; HLJLOVA, Zora; PERESTY,
Stanislav; SEDLARIK, Karel; DOLINA, Jiri

Reconstruction of tips of cardiac valves. Rozhl. chir. 41 no.5:306-
312 '62.

1. II chirurgicka klinika lekarske fakulty University J.Ev.Purkyně
v Brně, prednosta prof. MUDr. Jan Navratil.
(HEART VALVES surg)

POTRUSIL, Bohumil; UHLIK, Jaromir; HANZL, Josef; JOBANEK, Bohuslav

Anoxic cardiac arrest in experimental animals. Rozhl. chir. 41
no.5:319-324 My '62.

1. II chirurgicka klinika v Brne, prednosta prof. MUDr. Jan Navratil.
(ANOXIA exper) (HEART ARREST exper)

HANZL, Pavel, inz.

Electrochemical bipolar pickling of sheets and bands. Sbor
VSB Ostrava 8 no.5:521-534 '62.

NOVAKOVA, Eliska; HANZL, Rudolf

Problem of biological struggle against mice rodents in forests. Les cas 9 no.10:949-953 0 '63.

1. Ustav pro tvorbu a ochranu krajiny, Ceskoslovenska akademie ved, Kostelec nad Cernymi lesy.

E. HANZLICEK L.

✓ Cholinesterase activity of blood during acetylcholine electric, Metrazole, and insulin shock (E. Hanzlicek and V. Knobloch (Karlovy Univ., Prague). *Neurol. a Psychiat. Československá* 12, 274-83(1949); *Excerpta Med.*, Sect. VIII, 3, 727(1950).—In these types of shock treatment, there is a rapid and strong increase in blood cholinesterase at the onset of the shock. This may result from stimulation of the vago-insulin system by acetylcholine, producing prolonged excitation of the sympathetic centers, which may be a factor in all convulsive treatments. W. C. Tobie

①

7/5/51

HANZLICEK, L.; PISAROVIC, F.

Cumulative electroshock therapy. Cas.lek.cesk. 89 no.17:492-495
28 Ap '50. (CJML 19:2)

1. Of the Psychiatric Clinic of Prof. Myslivec.

HANZLICK L.

✓ Biochemical studies on therapeutic insulin shock. I. Change in serum potassium in psychotic and normal individuals during insulin hypoglycemia. L. Hanzlík and V. Knobloch (Psychiat. Clinic, Prague, Czech). *Časopis Lékařů Českých* 90, 195-8 (1951) (English summary). -- Blood samples were taken immediately before the injection of insulin and at 30-min. intervals during the shock. Normal subjects showed slight changes in serum K, while in psychotic (mostly schizophrenic) subjects the K level was considerably higher and was characterized either by gradual fall or only slight fluctuations. Improvement in psychosis was reflected in behavior of the K level. Ca changes in serum were insignificant. II. Changes of serum potassium in insulin stress. *Ibid.* 327-9. -- The serum-K level was detd. after insulin administration in patients with various degrees of hypophyseal or adrenocortical insufficiency. The results tend to give information on the status of reactivity of the systems. However, the no. of investigated patients was small (16 with adrenocortical insufficiency, 16 with tumors in diencephalo-pituitary region, and 26 with skin diseases considered to be caused by the adaptation syndrome (Selye)). Bohdan Jelínek

HANZLICEK, L.; KNOBLOCH, V.

Biochemical investigation on insulin hypoglycemia; blood potassium level following insulin shock. Cas.lek.cesk. 90 no.8:227-229 23 Feb 1951.
(CINL 20:7)

1. Of the Biological Laboratory of the Psychiatric Clinic.

HANZLICEK, L.

Direct eosinophil count in psychiatric practice; eosinophils as
an index in prognosis in mental diseases. Neur. &.. psychiat. cesk.
(CML 25:4)
16 no.4:239-244 Aug 1953.

1. Of the Psychiatric Clinic (Head--Prof. Myslivecek, M.D.), Prague.

HANZLICK, L., MUDr

Use of methionine test in psychiatric practice. Neur. psychiat.
cesk. 17 no.6:347-353 Dec 54.
(MENTAL DISORDERS, diagnosis
methionine liver-function test in)
(METHIONINE
liver funct. test in diag. of ment. disord.)
(LIVER FUNCTION TEST
methionine in diag. of ment. disord.)

HANZLICK, Lubomir, MUDr

Donovan's zinc sulphate reaction as a substitute for the gold
colloid reaction in cerebrospinal fluid. Neur. psychiat. week.
17 no.6:353-355 Dec 54.

(NEUROSYPHILIS,

Donovan's zinc sulphate reaction as substitute for
Lange's test)

(CEREBROSPINAL FLUID, in various diseases

neurosyphilis, Donovan's zinc sulphate reaction as
substitute for Lange's test)

(GOLD

Lange's colloidal gold test of GFS in neurosyphilis,
simplified method, Donovan's zinc sulphate reaction)

SUCHA, M.; HANZLICKA, L.

Fibrin reaction in psychiatry. Neur.psychiat. cesk. 18 no.3:183-188 May 55.

1. Ze serologické a biochemické laboratorie psychiatrické kliniky
prof. dr. Myslivečka

(MENTAL DISORDERS, etiology and pathogenesis
neuroinfect., diag. fibrin reaction)

(FIBRIN

fibrin reaction in diag. of mental disord. due to
neuroinfect.)

HANZLICEK, Lubomir

Humoral concepts of psychic alterations; views on psychosomatic
biochemistry of psychoses. Cesk. psychiat. 53 no.1:47-52 Feb 57.

1. Psychiatricka lecebna - Dobrany.
(PSYCHOSES, metabolism,
review (Gz))

HANZLICEK, Lubomir

~~Mesodiencephalic activating system; central encephalic system.~~
Cesk. psychiat. 53 no.1:53-57 Feb 57.

1. Psychiatricka lecebna - Dobruška.
(THALAMUS, physiology.
(Cs))

MAKOLSKI, A.; MATOULSKI, A.; PODOLSKOVA, B.

Treatment of insulin coma with peripheral electrostimulation, Cesk.
psychiat. 53 no.4:247-255 Sept 57.

1. Psychiatricka nemocnice, Dobruška.
(DIABETUS MELLITUS, compl.
coma, electric shock ther. (Cz))
(SHOCK THERAPY, ELECTRIC, ther. use
in diabetic coma (Cz))

HANZLICEK, Lubomir

New phenothiazine derivatives in psychiatry. Cesk. psychiat. 54 no.3:
187-191 June 58.

(PHENOTHIAZINE, related compounds
ther. use in psychiatry, review (Cz))
(MENTAL DISORDERS, therapy
phenothiazine deriv., review (Cz))

HANZLICEK, Lubomir

A contribution to alkaline phosphatase activity during neuroleptic therapy. Cesk.psychiat. 55 no.6:410-414 D '59.

1. Psychiatricka katedra UDL v Praze 8.
(PHOSPHATASES metab.)
(TRANQUILIZING AGENTS ther.)

HANZLICEK, L.

Interruption of therapeutic insulin coma cith glucagon. Cesk.
psychiat. 56 no.2:130-133 Ap '60.
(GLUCAGON ther.)
(SHOCK THERAPY INSULIN)

HANZLICEK, L.

Experience with the quantitative presentation of case records
(use of the Malamid - Sanda scale). Cesk. psychiat. 56 no.3:
188-195 Je '60.

(PSYCHIATRY)

(MEDICAL RECORDS)

HANZLICEK, L.

New psychopharmaca, 1958-59. Cesk.psychiat.56 no.4:266-273 Ag'60.

(PSYCHOPHARMACOLOGY)

CZECHOSLOVAKIA

L. HANZLICEK, Psychiatry Research Institute (Vyzkumny ustav psychiatricky)
Prague.

"Methods in Biochemical Research on Schizophrenia."

Prague, Czechoslovakian Psychiatry. Vol 38, No 6, 1962; pp 361-364.

Abstract: An essay discussing primarily the development of theories and experiments on alimentary and humoral concomitants of schizophrenia; concluding with an abstract summarization of requirements for the most productive directions of forthcoming research.

1/1

HANZLICEK, L.

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617910005-2"

Contemporary data on the humoral effects of psychopharmacological agents. Aktiv. nerv. sup. 5 no.1:74-93 Ja '63.

1. Vyzkumny ustav psychiatricky, Praha.

(PSYCHOPHARMACOLOGY) (NEURONS) (BRAIN) (RESERPINE)
(MONOAMINEOXIDASE INHIBITORS) (PHENOTHIAZINES)